

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037563.D
 Acq On : 03 Apr 2020 11:40
 Operator : JC/MD
 Sample : VSTD20034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20034

Quant Time: Apr 04 02:54:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 02:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	183671	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	175744	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	276407	185.30	ug/L	0.00
7) Chloroethane-d5	1.92	69	214873	179.28	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.59	63	469802	187.36	ug/L	0.00
21) 2-Butanone-d5	4.66	46	427638	381.43	ug/L	0.00
24) Chloroform-d	5.10	84	475434	189.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	303885	182.11	ug/L	0.00
32) Benzene-d6	5.76	84	930978	182.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	314193	183.30	ug/L	0.00
41) Toluene-d8	7.92	98	865797	182.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	172049	184.87	ug/L	0.00
47) 2-Hexanone-d5	8.66	63	344537	379.37	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	472474	192.81	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	320791	180.02	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	212717	179.144	ug/L	100
3) Chloromethane	1.53	50	230275	182.825	ug/L	99
5) Vinyl chloride	1.62	62	227795	182.131	ug/L	98
6) Bromomethane	1.85	94	119351	193.484	ug/L	98
8) Chloroethane	1.94	64	131958	178.888	ug/L	100
9) Trichlorofluoromethane	2.15	101	323800	182.478	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	184286	182.079	ug/L	98
12) 1,1-Dichloroethene	2.60	96	178348	181.526	ug/L	81
13) Acetone	2.66	43	214972	331.713	ug/L	99
14) Carbon disulfide	2.82	76	513088	180.792	ug/L	99
15) Methyl Acetate	2.98	43	267558	182.191	ug/L	99
16) Methylene chloride	3.08	84	214688	180.149	ug/L	97
17) trans-1,2-Dichloroethene	3.39	96	187279	177.019	ug/L	96
18) Methyl tert-butyl Ether	3.40	73	669272	180.468	ug/L	99
19) 1,1-Dichloroethane	3.91	63	376800	181.782	ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	220073	180.636	ug/L	99
22) 2-Butanone	4.75	43	381183	360.367	ug/L	99
23) Bromochloromethane	5.01	128	106687	182.444	ug/L	96
25) Chloroform	5.13	83	382329	176.910	ug/L	96
27) 1,2-Dichloroethane	5.83	62	307945	184.631	ug/L	99
29) Cyclohexane	5.42	56	334355	181.537	ug/L	100
30) 1,1,1-Trichloroethane	5.35	97	336512	180.637	ug/L	99
31) Carbon tetrachloride	5.56	117	278745	181.800	ug/L	98
33) Benzene	5.81	78	821587	178.418	ug/L	100
34) Trichloroethene	6.57	95	213633	177.424	ug/L	98
35) Methylcyclohexane	6.79	83	327244	175.899	ug/L	97
37) 1,2-Dichloropropane	6.82	63	231718	176.609	ug/L	99
38) Bromodichloromethane	7.13	83	309788	181.539	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	371554	181.310	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	791038	371.540	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	892965	179.197	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	379424	188.012	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	219046	182.858	ug/L	97
46) Tetrachloroethene	8.57	164	142247	175.948	ug/L	97
48) 2-Hexanone	8.71	43	618924	373.813	ug/L	98
49) Dibromochloromethane	8.83	129	246550	184.527	ug/L	99
50) 1,2-Dibromoethane	8.95	107	240535	182.581	ug/L	99
51) Chlorobenzene	9.47	112	562490	181.986	ug/L	98
52) Ethylbenzene	9.59	91	1022765	181.492	ug/L	100
53) m,p-Xylene	9.71	106	372573	177.247	ug/L	96
54) o-xylene	10.12	106	371398	183.320	ug/L	94
55) Styrene	10.13	104	668523	186.357	ug/L	97
56) Isopropylbenzene	10.50	105	1008066	183.518	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	409259	189.514	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	321179	190.421	ug/L	100
61) Bromoform	10.31	173	193671	194.007	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	450560	178.690	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	451430	177.388	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	441569	176.865	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	111307	185.865	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	309915	177.078	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	304831	182.704	ug/L	97
69) Naphthalene	14.11	128	1175174	166.255	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	301998	179.174	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

